

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2003/001076

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B01D 61/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI-DATA, EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4148708 A (PHILIP J. GRANT), 10 April 1979 (10.04.1979), The whole document --	1-18
X	EP 1075868 A2 (KURITA WATER INDUSTRIES LTD.), 14 February 2001 (14.02.2001), The whole document --	1-18
X	WO 02096807 A2 (UNITED STATES FILTER CORPORATION), 5 December 2002 (05.12.2002), page 5, line 24 - page 7, line 8; page 14, line 9 - page 16, line 15 --	1-18
X	WO 03031034 A1 (IONICS, INCORPORATED), 17 April 2003 (17.04.2003), The whole document --	1-18

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

13 January 2004

Date of mailing of the international search report

23 -01- 2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

01/12/2003

International application No.

PCT/SE 2003/001076

US	4148708	A	10/04/1979	AT	368400	B	11/10/1982
				AT	538178	A	15/02/1982
				BE	868885	A	03/11/1978
				CA	1100439	A	05/05/1981
				CH	625970	A	30/10/1981
				DE	2830972	A,B,C	25/01/1979
				ES	471599	A	01/01/1980
				FR	2397861	A,B	16/02/1979
				GB	1603015	A	18/11/1981
				IL	54924	A	31/01/1982
				IT	1098667	B	07/09/1985
				IT	7825512	D	00/00/0000
				JP	1252199	C	26/02/1985
				JP	54023082	A	21/02/1979
				JP	58101707	A	17/06/1983
				JP	59027204	B	04/07/1984
				LU	80021	A	12/12/1978
				NL	7806439	A	24/01/1979
				SE	7808008	A	25/02/1980

EP	1075868	A2	14/02/2001	JP	2001113281	A	24/04/2001
				SG	89344	A	18/06/2002
				TW	510823	B	00/00/0000
				US	6379518	B	30/04/2002

WO	02096807	A2	05/12/2002	US	6649037	B	18/11/2003
				US	2002189951	A	19/12/2002

WO	03031034	A1	17/04/2003	NONE			
